

## 32-5241: Recombinant Human Vps20-Associated 1 Homolog

**Alternative Name :** Vacuolar protein sorting-associated protein VTA1 homolog, Dopamine-responsive gene 1 protein, DRG-1, LYST-interacting protein 5, LIP5, SKD1-binding protein 1, SBP1, VTA1, C6orf55, DRG1, My012, HSPC228.

### Description

Source : Escherichia Coli. VTA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 331 amino acids (1-307 a.a.) and having a molecular mass of 36.5kDa. VTA1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Vps20-associated 1 homolog (VTA1) is a member of the VTA1 family. The VTA1 protein is involved in the endosomal multivesicular bodies (MVB) pathway. Furthermore, VTA1 is interacts with CHMP1B, CHMP2A, CHMP5, VPS4B, KIAA0174 (IST1) and possibly CHMP3. VTA1 is believed to be a cofactor of VPS4A/B, which catalyzes membrane-associated ESCRT-III assemblies. In addition, VTA1 is involved in the sorting and down-regulation of EGFR and also in HIV-1 budding.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** VTA1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 200mM NaCl.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMAALAP LPPLPAQFKS IQHHLRTAQE HDKRDPVVAY YCRLYAMQTG MKIDSKTPEC RKFLSKLMDQ LEALKKQLGD NEAITQEIVG CAHLENYALK MFLYADNEDR AGRFHKNMIK SFYASLLID VITVFGELTD ENVKHKRYAR WKATYIHNCL KNGETPQAGP VGIEEDNDIE ENEDAGAASL PTQPTQPSSS STYDPSNMPS GNYTGIQIPP GAHAPANTPA EVPHSTGVAS NTIQPTPQTI PAIDPALFNT ISQGDVRLTP EDFARAQKYC KYAGSALQYE DVSTAVQNLQ KALKLLTTGR E.

